1. Record Nr. UNIORUON00006660

Titolo	La Realizzazione spirituale dell'uomo : Atti del convegno interdisciplinare tenuto presso il Dipartimento di Medievistica dell'Università di Pisa : Giainismo, Buddismo, Induismo, Sikhismo, Islamismo, Cristianesimo
Pubbl/distr/stampa	Milano, : Istituto propaganda libraria, 1987
Descrizione fisica	244 p. ; 22 cm
Classificazione	GEN E VII
Soggetti	RELIGIONI COMPARATE
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910166645603321

Autore	Christopher Cullis
Titolo	Recent Advances of Epigenetics in Crop Biotechnology
Pubbl/distr/stampa	Frontiers Media SA, 2016
Descrizione fisica	1 online resource (189 p.)
Collana	Frontiers Research Topics
Soggetti	Botany & plant sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Epigenetics is a new field that explains gene expression at the chromatin structure and organization level. Three principal epigenetic mechanisms are known and hundreds of combinations among them can develop different phenotypic characteristics. DNA methylation, histone modifications and small RNAs have been identified, and their

functions are being studied in order to understand the mechanisms of interaction and regulation among the different biological processes in plants. Although, fundamental epigenetic mechanisms in crop plants are beginning to be elucidated, the comprehension of the different epigenetic mechanisms, by which plant gene regulation and phenotype are modified, is a major topic to develop in the near future in order to increase crop productivity. Thus, the importance of epigenetics in improving crop productivity is undoubtedly growing. Current research on epigenetics suggest that DNA methylation, histone modifications and small RNAs are involved in almost every aspect of plant life including agronomically important traits such as flowering time, fruit development, responses to environmental factors, defense response and plant growth. The aim of this Research Topic is to explore the recent advances concerning the role of epigenetics in crop biotechnology, as well as to enhance and promote interactions among high quality researchers from different disciplines such as genetics, cell biology, pathology, microbiology, and evolutionary biology in order to join forces and decipher the epigenetic mechanisms in crop productivity.